

WHAT IS CLAIMED IS:

1. A method for manufacturing anti-bacteria yarns comprising the following steps of:

5 fabricating the polypropylene filaments into yarns;
 feeding the yarns to a false twisting machine for twisting the yarns;
in that the yarns pass through a driving roller and a package roller for twisting the yarns to be as twisting yarns;

10 feeding the twisting yarns to at least one grooved roller with antibacterial in the grooved roller so as to be as anti-bacteria yarns;

 feeding the anti-bacteria yarns to at least one guiding wheel to stretching and drying the anti-bacteria yarns, and
 outputting the yarns.

15 2. The method for manufacturing anti-bacteria yarns as claimed in claim 1, wherein a bottom of a trench of the grooved roller is placed with antibacterial; when the twisting yarns passes through the grooved roller, the antibacterial permeates into the twisting yarns; and then the antibacterial is completely adhered to the yarns in the following stretching and drying steps.

20 3. The method for manufacturing antibacterial as claimed in claim 1, wherein a material inlet is formed at a center of the grooved roller; a plurality of penetrating holes are formed around the material inlet to communicate the material inlet and a bottom of the grooved roller so that the antibacterial is fed into the material inlet; with the rotation of the
25 grooved roller, the antibacterial will flow to a surface of the bottom of the grooved roller so as to coat on the twisting yarns continuously.

 4. An anti-bacteria yarn made from polypropylene filaments; the antibacterial yarns are twisted, and permeated with antibacterial.